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1. **Using multiple alignments to improve seeded local **alignment algorithms****

In recent years, the introduction of spaced **seeds** has led to significantly improved local **alignment algorithms** (12,16–20). Spaced **seeds** allow non- contiguous ...  
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Jul 22, 2008 ... GenSeed is a Perl program that implements a **seed-driven recursive ...**  
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3. **Using multiple alignments to improve seeded local **alignment ...****

**Seeds** for the BLAST **algorithm** are traditionally fixed-length words present ..... In all tests **using alignment** databases the **alignment** consisted of baboon, ...  
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4. **3' UTR **seed matches**, but not overall identity, are associated with ...**

There is an Addendum (June 2006) associated with this **Article**. .... **Using** the Smith-Waterman **alignment algorithm**, the sense and antisense strands for each ...  
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5. **Improved hit criteria for DNA local **alignment** - Noe, Kucherov ...**

0.2: Approximation **Algorithms** For Local **Alignment** With Length. ... 17 Designing **seeds** for similarity search in genomic DNA (context) - BUHLER, KEICH et al. ...  
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6. [BioMed Central | Full text | Automated generation of heuristics ...](#)

Upper bounds dictate that there can be no better **alignment using** these HSPs. This **algorithm** is similar to A\* search, (but differs in that many different ...  
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7. [Computer Methods and Programs in Biomedicine : GRAT—genome-scale ...](#)

In a separate step from the **alignment algorithm**, the **seed** database is constructed. .... Due to memory and time constraints, we could not **compare** the results ...  
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by E. Kindlund - 2007 - [Cited by 1](#) - [Related articles](#)

8. [Designing seeds for similarity search in genomic DNA](#)

Local **alignment** statistics. Methods: a Companion to Methods in Enzymology, 266: 460--80, ... Search **algorithms** for biosequences **using** random projection, 2001 ...  
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9. [IngentaConnect A RAPID algorithm for sequence database comparisons ...](#)

These **algorithms** typically use areas of matching words to **seed** alignments ... the word-matching and sequence-**alignment** process, and **using** information about ...  
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10. [A Clustal alignment improver using evolutionary algorithms](#)

A Clustal **alignment** improver **using** evolutionary **algorithms** ... the wellknown Clustal V **algorithm** as a candidate solution **seed** of the initial EA population. ...  
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